

[FIG.1]

EXTERNAL CALCULATION APPARATUS

503 COMBINER AND DISTRIBUTOR

504 TRANSMISSION AND RECEPTION SECTION

[FIG.2]

602 TRANSMISSION RADIO SECTION

603 ATTENUATOR

605 PHASE CALIBRATION TRANSMISSION SIGNAL CONVERSION SECTION

606 BASEBAND PROCESSING SECTION

[FIG.3]

702 RECEPTION RADIO SECTION

703 ATTENUATOR

705 PHASE CALIBRATION RECEIVED SIGNAL CONVERSION SECTION

706 BASEBAND PROCESSING SECTION

[FIG.4]

103 ANTENNA DUPLEXER

104 TRANSMISSION RADIO SECTION

105 RECEPTION RADIO SECTION

110 PHASE CALIBRATION TRANSMISSION SIGNAL CONVERSION SECTION

111 PHASE CALIBRATION RECEIVED SIGNAL CONVERSION SECTION

107 BASEBAND PROCESSING SECTION

[FIG.6]

103 ANTENNA DUPLEXER

104 TRANSMISSION RADIO SECTION

105 RECEPTION RADIO SECTION

110 PHASE CALIBRATION TRANSMISSION SIGNAL CONVERSION SECTION

111 PHASE CALIBRATION RECEIVED SIGNAL CONVERSION SECTION

107 BASEBAND PROCESSING SECTION

[FIG.7]

103 ANTENNA DUPLEXER

104 TRANSMISSION RADIO SECTION

- 105 RECEPTION RADIO SECTION
- 110 PHASE CALIBRATION TRANSMISSION SIGNAL CONVERSION SECTION
- 111 PHASE CALIBRATION RECEIVED SIGNAL CONVERSION SECTION
- 107 BASEBAND PROCESSING SECTION

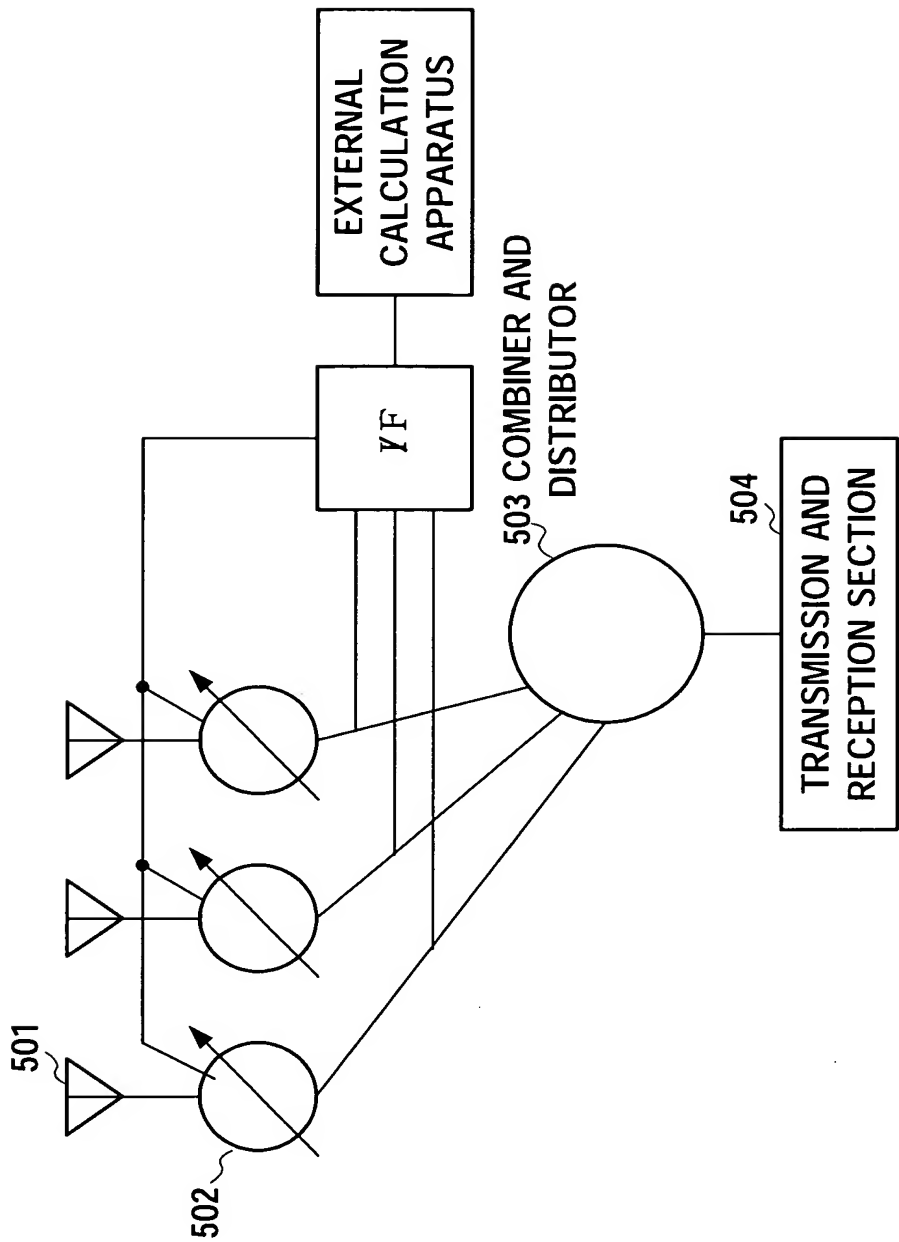


FIG.1

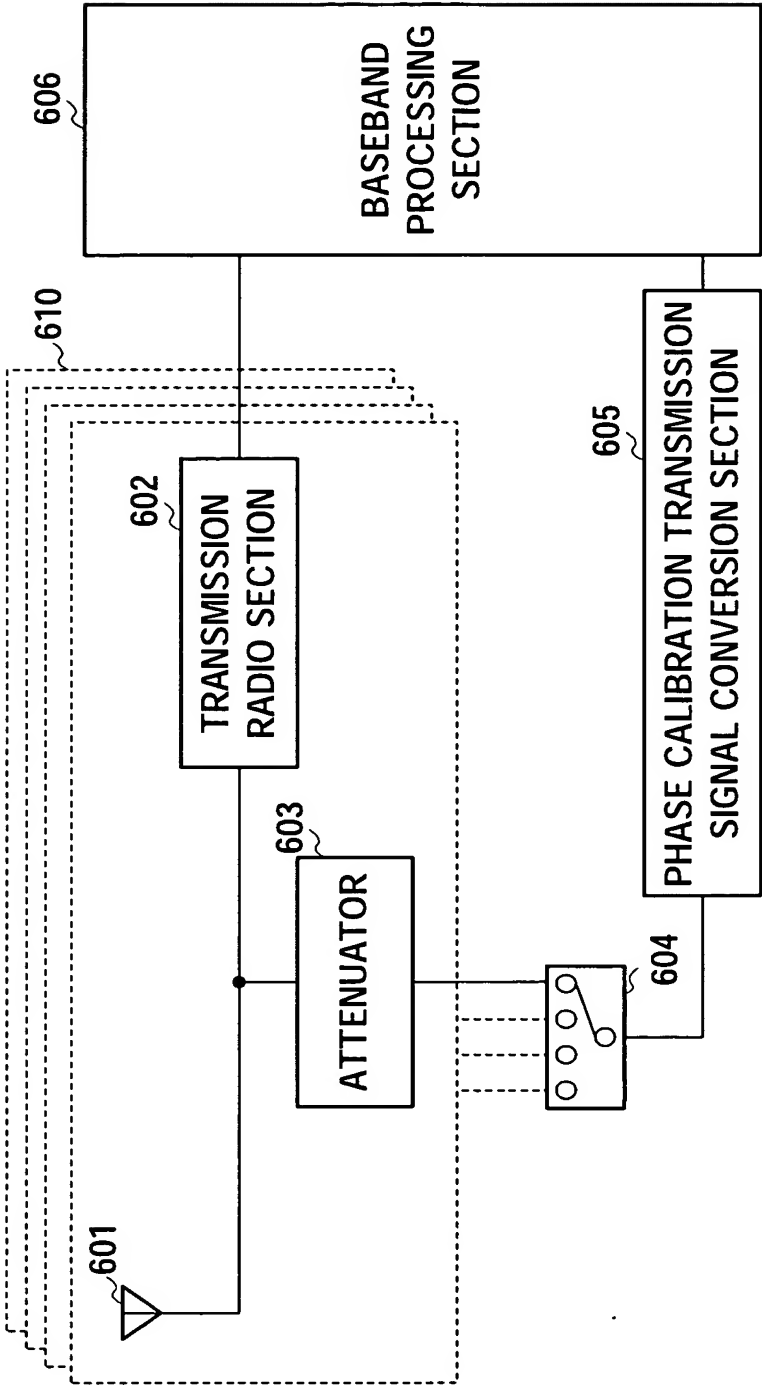


FIG.2

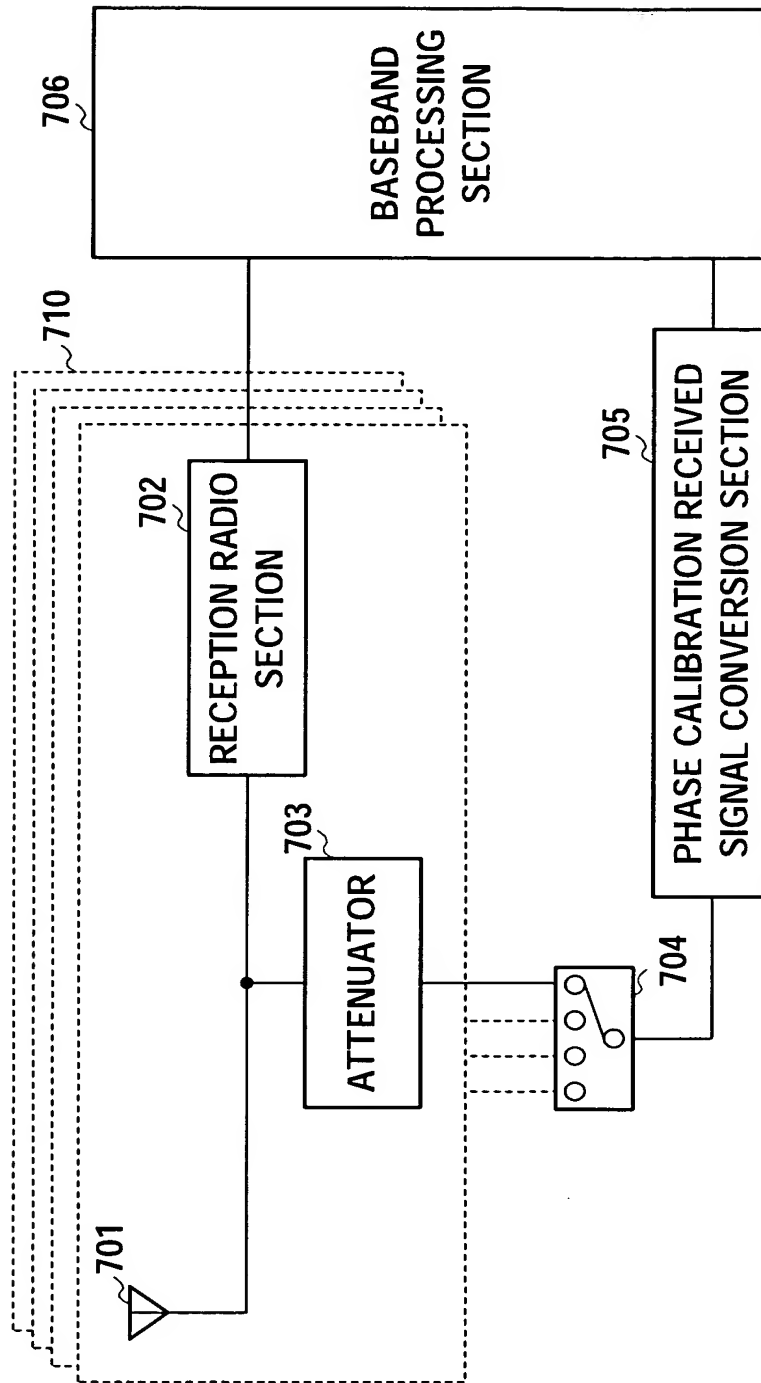


FIG.3

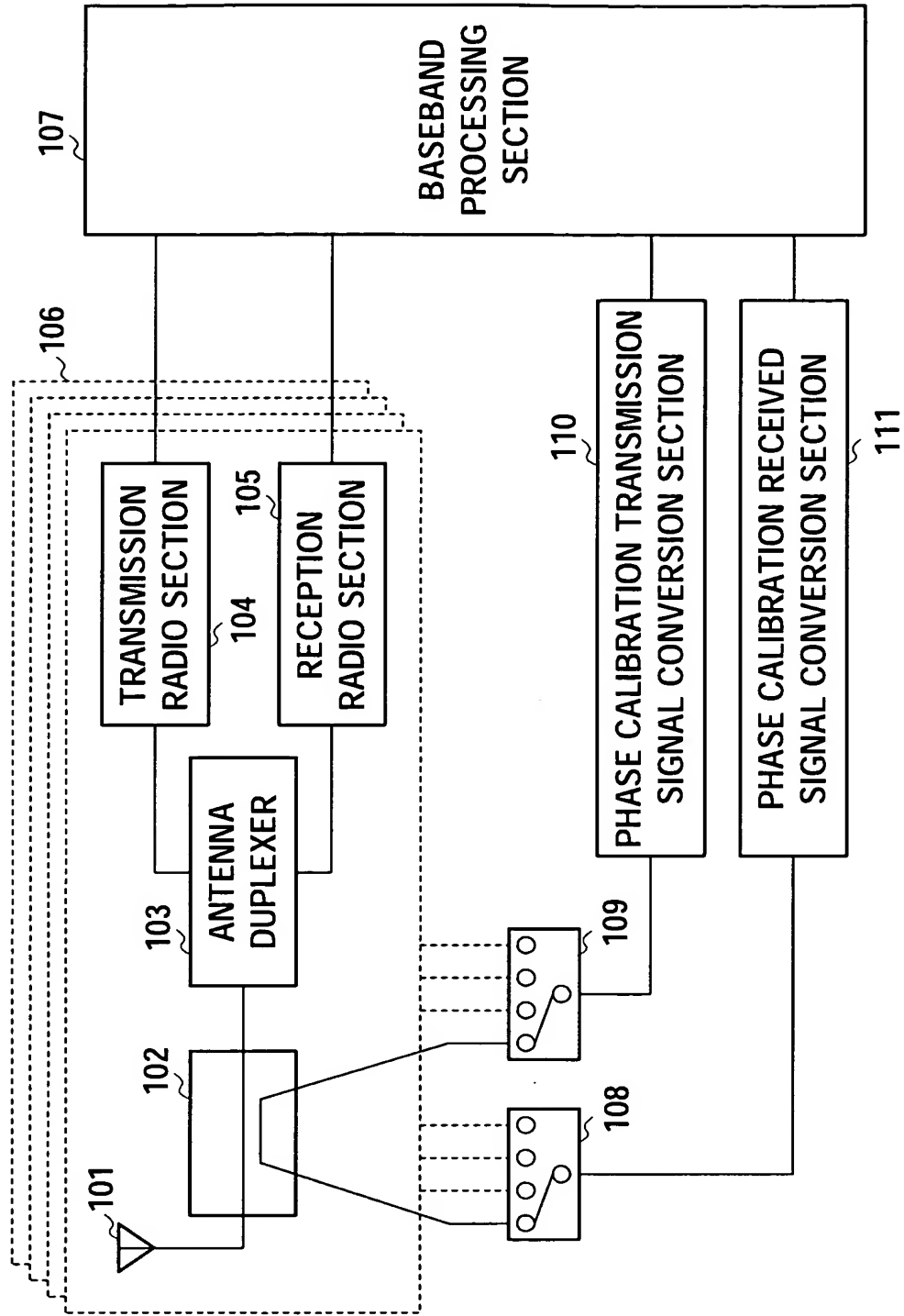


FIG.4

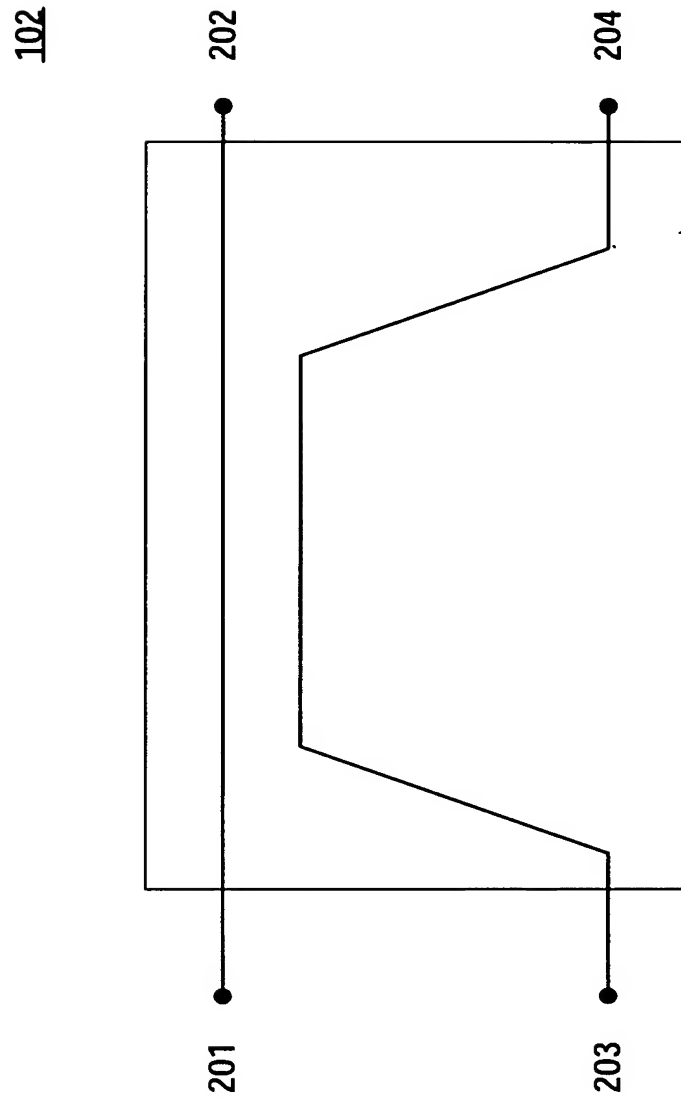


FIG. 5

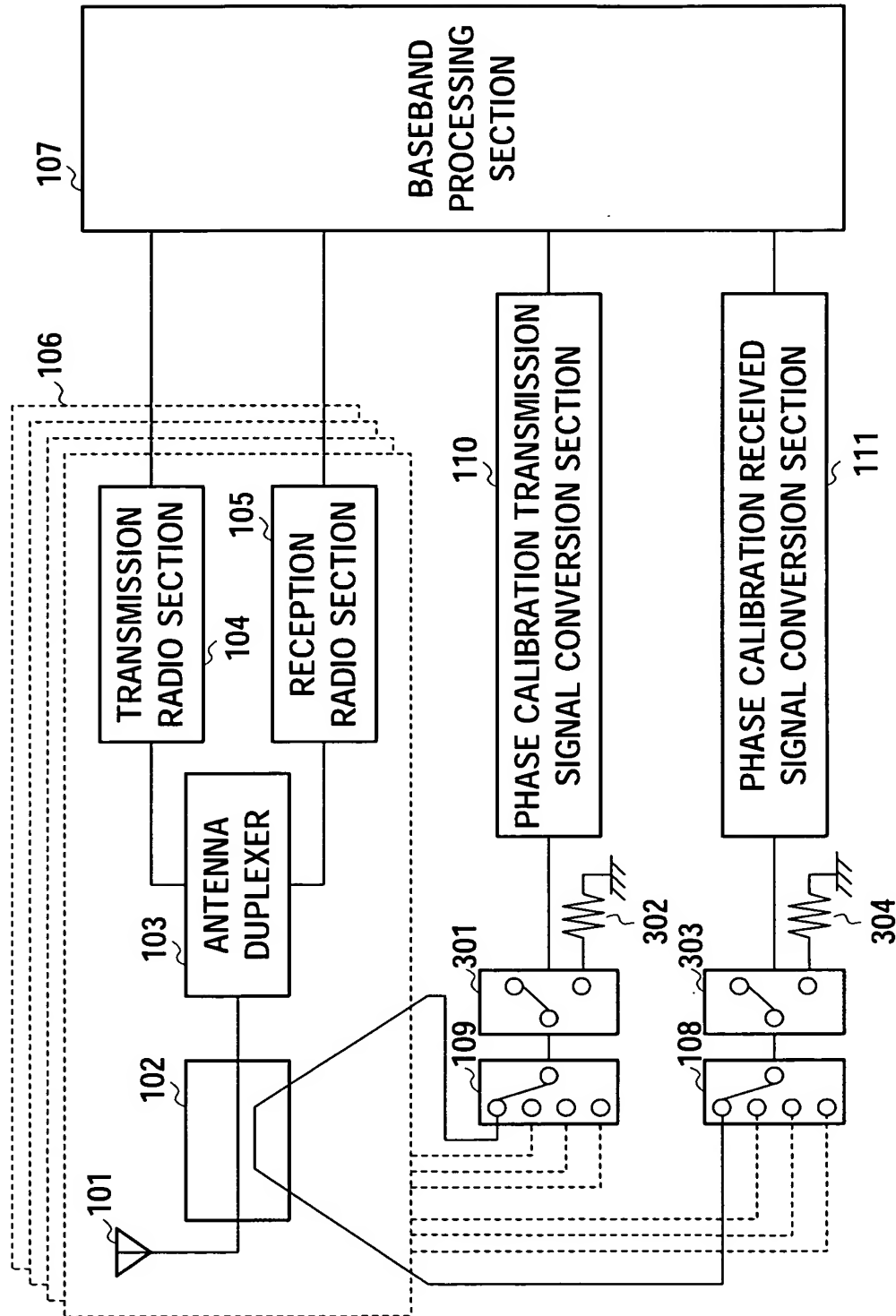


FIG.6



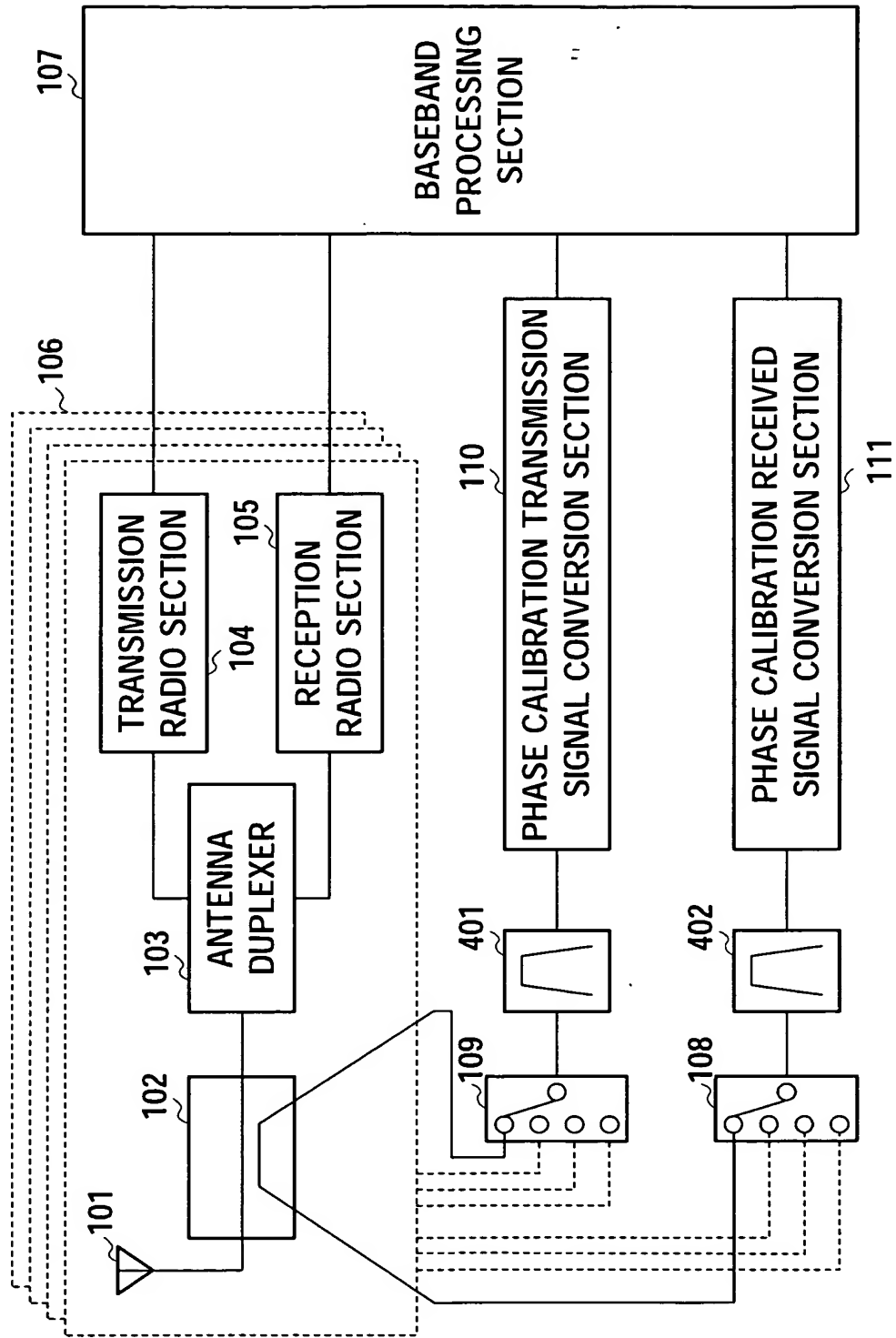


FIG.7